

Abstract

METHOD FOR RECOGNIZING SPEECH

To increase the performance rate of large vocabulary continuous speech recognition applications it is suggested to first give only a rough estimation on whether or not recognized utterance (U) is accepted or rejected in its entirety. In the case of an acceptance of the utterance (U) a thorough reanalysis is performed afterwards to extract the meaning, intention, contained key-phrases/keywords and the confidence of the contained key-phrases/keywords. Therefore, the computational burden is focussed on the important sections of the utterance (U), namely on the key-phrases/keywords.

(Figure 1)

TOP SECRET - 036256660